International Application No /FR2004/000689

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 H04N7/26 H04N H04N7/50 H04N7/36 · H04N7/46 H04N7/30 According to International Patent Classification (IPC) or to both national classification and IPC **B. FIELDS SEARCHED** Minimum documentation searched (classification system followed by classification symbols) IPC 7 H04N Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, INSPEC, COMPENDEX C. DOCUMENTS CONSIDERED TO BE RELEVANT Relevant to claim No. Citation of document, with indication, where appropriate, of the relevant passages HARIDASAN R ET AL: "Scalable coding of 42 X video objects" CIRCUITS AND SYSTEMS, 1998. ISCAS '98. PROCEEDINGS OF THE 1998 IEEE INTERNATIONAL SYMPOSIUM ON MONTEREY, CA, USA 31 MAY-3 JUNE 1998, NEW YORK, NY, USA, IEEE, US 31 May 1998 (1998-05-31), pages 289-292, XP010289442 ISBN: 0-7803-4455-3 pages IV-289 - pages IV-292, paragraph 3-5 figures 2-4 1-41, A 43 - 47-/--Patent family members are listed in annex. Further documents are listed in the continuation of box C. Special categories of cited documents: "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the investige. "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international *X* document of particular relevance; the claimed invention filing date cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such docu-ments, such combination being obvious to a person skilled in the art document referring to an oral disclosure, use, exhibition or other means in the art. document published prior to the international filing date but later than the priority date claimed "&" document member of the same patent family Date of mailing of the international search report Date of the actual completion of the international search 04/10/2004 14 September 2004 Authorized officer Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016. Lombardi, G

47 Y ...

International Application No
. T/FR2004/000689

C (Continu	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	. 17 FR20047 000089		
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.		
X	MARQUANT G: "THESE REPRESENTATION PAR MAIILAGE ADAPTATIF DEFORMABLE POUR LA MANIPULATION ET LA COMMUNICATION D'OBJETS VIDEO" THESE L'UNIVERSITE DE RENNES,, no. 2453, December 2000 (2000-12), pages 5-17,19-77,79-163,165-267,269-296, XP001059069 cited in the application page 220, paragraph 9.2.7 - page 221; figure 9.9 page 257 - page 258, paragraph 11.2;	-		
Α	figures 11.13,11.14	1-41, 43-47		
Α	CAMMAS N ET AL: "FINE GRAIN SCALABLE VIDEO CODING USING 3D WAVELETS AND ACTIVE MESHES" PROCEEDINGS OF THE SPIE, SPIE, BELLINGHAM, VA, US, vol. 5022, 21 January 2003 (2003-01-21), pages 358-365, XP008024465 ISSN: 0277-786X pages 359-361, paragraph 3.1 - paragraph 3.3 figures 2-7	1-48		
Α	US 5 974 183 A (WILKINSON JAMES HEDLEY) 26 October 1999 (1999-10-26) column 2, line 21 - column 4, line 25 figures 1-3	1-47		
Α	ANTOINE J-P ET AL: "Shape characterization with the wavelet transform" SIGNAL PROCESSING. EUROPEAN JOURNAL DEVOTED TO THE METHODS AND APPLICATIONS OF SIGNAL PROCESSING, ELSEVIER SCIENCE PUBLISHERS B.V. AMSTERDAM, NL, vol. 62, no. 3, 1 November 1997 (1997-11-01), pages 265-290, XP004107325 ISSN: 0165-1684 page 268 - page 272, paragraph 3	1-47		
Α	WO 01/39503 A (KONINKL PHILIPS ELECTRONICS NV) 31 May 2001 (2001-05-31) page 6, line 4 - page 8, line 3 figures 4A,5A-5C,6,8A-8B	1-47		

International Application No I/FR2004/000689

		f/FR2004/000689				
(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT						
ategory °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.				
A	HAN S-C ET AL: "SPATIOTEMPORAL SUBBAND/WAVELET CODING OF VIDEO WITH OBJECT-BASED MOTION INFORMATION" PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON IMAGE PROCESSING. ICIP 1998. SANTA BARBARA, CA, OCT. 26 - 29, 1997, LOS ALAMITOS, CA: IEEE COMPUTER SOCIETY, US, vol. 2, 26 October 1997 (1997-10-26), pages 629-632, XP000912012 ISBN: 0-8186-8184-5 the whole document	1-47				
A	EP 0 614 318 A (TOKYO SHIBAURA ELECTRIC CO) 7 September 1994 (1994-09-07) page 8, line 43 - page 9, line 4 page 9, line 43 - page 11, line 3 figures 16,17	1-47				

ational Application No ./FR2004/000689

Patent document cited in search report		Publication date	Patent family member(s)		Publication date	
US 5974183	A	26-10-1999	GB JP JP	2303267 A 3469708 B2 8336147 A	12-02-1997 25-11-2003 17-12-1996	
WO 0139503	A	31-05-2001	US BR CN WO EP JP PL TR	6639943 B1 0007657 A 1355995 T 0139503 A1 1151613 A1 2003515987 T 348970 A1 200102123 T1	28-10-2003 06-11-2001 26-06-2002 31-05-2001 07-11-2001 07-05-2003 17-06-2002 21-01-2002	
EP 0614318	A	07-09-1994	JP JP JP DE DE DE US	7067111 A 3405788 B2 7170523 A 69421837 D1 69421837 T2 0614318 A2 5592228 A	10-03-1995 12-05-2003 04-07-1995 05-01-2000 20-04-2000 07-09-1994 07-01-1997	